



SCISAT-1 mission to measure chemical processes controlling ozone on Earth

Employees reminded to pick up badges for children before Thursday



▲ **Next ELV launch:** Spacecraft functional testing is under way this week for the SCISAT-1 launch from Vandenberg AFB. The solar arrays were mated to the spacecraft on July 11. The communications systems were also successfully checked out. The spacecraft transponder is powered on for run time as part of routine test and evaluation. SCISAT will

be mated to the Pegasus launch vehicle on July 25. Fairing installation activities begin Aug. 2. Installation onto the Pegasus transporter is scheduled for Aug. 6 followed by rollout to the hot pad and mating to the L-1011 carrier aircraft on Aug. 9. SCISAT-1 weighs approximately 330 pounds and will be placed in a 400-mile-high polar orbit to investigate processes that control the distribution of ozone in the upper atmosphere. The scientific mission of SCISAT-1 is to measure and understand the chemical processes that control the distribution of ozone in the Earth's atmosphere, particularly at high altitudes. The data from the satellite will provide Canadian and international scientists with improved measurements relating to global ozone processes and help policymakers assess existing environmental policy and develop protective measures for improving the health of our atmosphere, preventing further ozone depletion. The mission is designed to last two years.

▲ Program for children of NASA employees

planned for July 24: As part of the Take Our Children to Work Day (TOCTWD) activities, NASA employees' children are invited to a program at the IMAX 2 Theater, KSC Visitor Complex, on July 24 at 8 a.m. Badging for children of NASA employees will continue July 22-23 at the OSB and KSC Headquarters Lobbies between the hours of 10 a.m. and 2 p.m. NASA employees working at CCAFS

can contact Peggy Parrish, JP, at 476-4000 for badges on those dates and times. This special day targets children from 9 to 15. Children under age 9 are not eligible to participate. Children must wear their badge and be with a badged employee at all times. Children may not enter any controlled access area that requires a controlled access badge (SSPF, VAB, OPF, etc.).

◆ **Expedition 6 crew returns today** – Ken Bowersox and Don Pettit of the Expedition 6 crew will be here today (July 22) to speak w/employees about their mission aboard the International Space Station. Their presentation to employees will be held in the KSC Training Auditorium from 1-2 p.m. Please join in welcoming the crew back to KSC.

◆ **Education Opportunity** – Florida Tech's School of Extended Graduate Studies offers MS degrees in: computer information systems, software engineering, space systems, and space systems management. Contact Carolyn Henninger at chenning@fit.edu for information. Florida Tech's School of Management offers MBA degrees with concentration in acquisition and contract management and in accounting, and an MS degree in engineering management. Contact Sharon Anderson at sanderso@fit.edu for information. Applications are currently being accepted for the fall semester, which begins the week of Aug. 25. Evening classes are held at KSC and Patrick Air Force Base. The office is located in the KSC Industrial Area, B Avenue and 2nd Street, Bldg. TRM-032. For a fall schedule and information on all degrees, call 453-2030.

◆ **Did You Know?** Living and working on the Space Station is like building one room of a house, moving in a family of three, and asking them to finish building the house while working full time from home.